

Name: Class:

Complete the fraction multiplication sentence

Find the missing numbers of the following multiplication sentence.

a. $\frac{1}{3} \times \frac{5}{18} = \frac{\square}{\square}$

b. $\frac{1}{4} \times \frac{\square}{3} = \frac{2}{12}$

c. $\frac{3}{9} \times \frac{2}{3} = \frac{\square}{\square}$

d. $\frac{\square}{10} \times \frac{3}{9} = \frac{3}{90}$

e. $\frac{6}{7} \times \frac{10}{12} = \frac{\square}{\square}$

f. $\frac{7}{\square} \times \frac{3}{4} = \frac{21}{64}$

g. $\frac{2}{5} \times \frac{3}{6} = \frac{\square}{\square}$

h. $\frac{\square}{15} \times \frac{1}{2} = \frac{3}{30}$

i. $\frac{5}{8} \times \frac{8}{16} = \frac{\square}{\square}$

j. $\frac{6}{\square} \times \frac{3}{4} = \frac{18}{36}$

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Complete the fraction multiplication sentence

Find the missing numbers of the following multiplication sentence.

a. $\frac{1}{3} \times \frac{5}{18} = \frac{\square}{\square}$

Let's multiply normally,
 $1 \times 5 = 5$ and $3 \times 18 = 54$
 So, the missing fraction is $\frac{5}{54}$.

Therefore, $\frac{1}{3} \times \frac{5}{18} = \frac{5}{54}$

b. $\frac{1}{4} \times \frac{\square}{3} = \frac{2}{12}$

Let's multiply normally, $? \times 12 = 2 \times 12$
 $\frac{1 \times ?}{4 \times 3} = \frac{2}{12} \rightarrow 12? = 24$
 $? = 24/12$
 $? = 2$

So, the missing number is 2.
 Therefore, $\frac{1}{4} \times \frac{2}{3} = \frac{2}{12}$

c. $\frac{3}{9} \times \frac{2}{3} = \frac{\square}{\square}$

Let's multiply normally,
 $3 \times 2 = 6$ and $9 \times 3 = 27$
 So, the missing fraction is $\frac{6}{27}$.

Therefore, $\frac{3}{9} \times \frac{2}{3} = \frac{6}{27}$

d. $\frac{\square}{10} \times \frac{3}{9} = \frac{3}{90}$

Let's multiply normally, $3? \times 90 = 3 \times 90$
 $\frac{? \times 3}{10 \times 9} = \frac{3}{90} \rightarrow 270? = 270$
 $? = 270/270$
 $? = 1$

So, the missing number is 1.
 Therefore, $\frac{1}{10} \times \frac{3}{9} = \frac{3}{90}$

e. $\frac{6}{7} \times \frac{10}{12} = \frac{\square}{\square}$

Let's multiply normally,
 $6 \times 10 = 60$ and $7 \times 12 = 84$
 So, the missing fraction is $\frac{60}{84}$.

Therefore, $\frac{6}{7} \times \frac{10}{12} = \frac{60}{84}$

f. $\frac{7}{\square} \times \frac{3}{4} = \frac{21}{64}$

Let's multiply normally, $4? \times 21 = 21 \times 64$
 $\frac{7 \times 3}{? \times 4} = \frac{21}{64} \rightarrow 84? = 1344$
 $? = 1344/84$
 $? = 16$

So, the missing number is 16.

Therefore, $\frac{7}{16} \times \frac{3}{4} = \frac{21}{64}$